

curriculum integration

Virtual Field Trip Content Providers on Internet2

Adler Planetarium

<http://www.adlerplanetarium.org/education/distancelearning/index.shtml>

Adler connects to classrooms and libraries through videoconferencing (H.323) and Internet Protocol (IP) technology. Their programs feature real scientists and historians working in the field. Each program is aligned with National and Illinois Education Standards.

Alaska Sea Life Center \$\$

<http://www.alaskasealife.org/New/education/distance-learning.php>

Visit Alaska Using interactive two-way video conferencing, your students can expand their knowledge through live, multi-media presentations including meeting animal "guests," exploring The Alaska Sea Life Center's exhibits, talking with researchers and animal caretakers, and completing hands-on activities. Using Inquiry-based learning, each conference will also conference will also utilize research and rehabilitation programs happening right now at the Center

Ann Arbor Hands On Museum \$\$

http://www.aahom.org/programs/distance_learning.htm

Experience **LIVE**, interactive Ann Arbor Hands-On Museum programs right in your classroom! Our dynamic, knowledgeable educators use videoconferencing technology to share science demonstrations and activities with your students, engaging them in an active, hands-on learning experience. All programs address National Science Education Standards

Cleveland Institute of Music \$\$

<http://www.cim.edu/distanceLearning.php>

The Cleveland Institute of Music is a premiere provider of music instruction, interdisciplinary programs, professional development programs and community service. CIM distance learning programs inspire students of all ages and disciplines to engage, think and create. Featured prominently are a number of activities designed for Pre-K through 12 schools. Included are a full array of programs and courses in music and a series of interdisciplinary units that address proficiency skills in science, math, language arts, and social studies.

Cleveland Museum of Art \$\$

<http://www.cma.org/edu/ef/distance/HTML/index.html>

Distance Learning at The Cleveland Museum of Art allows classes to connect with the CMA and enrich their studies of history, language arts, science, math and the visual arts through our collection of art and artifacts from around the world. Through live, interactive videoconferencing, students participate in conversations with museum educators that are two-way and fully interactive. Programs are designed for grades K-12 and are aligned with ODE academic standards. Learning packets with extension activities are supplied with most lessons.

Conner Prairie \$\$

http://www.connerprairie.org/discover_learn/distancelearning.aspx

Live some history! Start in the present and journey back to long ago-to days when you bartered for your goods, learned in a one-room schoolhouse and worked on a farm. Time travel through five historic areas at one of the nation's finest living history museums and experience how life has changed over the years!

Cook Children's Medical Center \$\$

<http://www.cookchildrens.org>

Cook Children's Medical Center is committed to providing up-to-date health care information via video conferencing to schools and organizations in our communities, in north Texas, and across the country.

Discovery Center of Springfield \$\$

<http://www.discoverycenter.org>

The Discovery Center of Springfield is an interactive, hands-on museum committed to inspiring people of all ages with a life-long love of learning and an appreciation for the world and our place in it.

Fort Worth Museum of Science and History \$\$

http://www.fwmsh.org/educate/in_school_dist.html

Dedicated to lifelong learning and anchored by rich collections, the Fort Worth Museum of Science and History engages diverse communities through creative, vibrant educational programs and exhibits interpreting science and stories of Texas and the Southwest. The Museum features core exhibit galleries, Noble Planetarium, and the IMAX Omni Theater.

Hook's Discovery & Learning Center/Life Science Education Center \$\$

<http://www.lifescienceed.org/index.asp?p=39>

Hook's Discovery & Learning Center/Life Science Education Center is Indiana's life science education center providing quality experiences that promote science learning for students, educators, and the general public. Life Science Education Center provides participants with lively demonstrations, experiments, and hands-on life science discovery based on Indiana State Education and National Science Education standards.

Indianapolis Museum of Art \$\$

<http://www.ima-art.org/distancelearning.asp?SID=66CB8451BB8445C689D6192D62955CD5>

The IMA offers interactive video distance learning sessions to schools throughout the United States. Program topics are varied and cover Impressionism, China, Hoosier artists, Japan, contemporary art and much more. Most programs can be adapted to any grade or interest level, including elementary, middle and high school students, educators and community members. Standards and disciplines addressed are listed with individual program descriptions.

Live from Gemini!

<http://www.gemini.edu/index.php?option=content&task=view&id=132>

Live From Gemini is a prototype program that is being developed, refined and evaluated by the Public Information and Outreach Office at the Gemini Observatory. During this experimental phase, groups are encouraged to request programs for formal and informal educational settings to engage learners of all ages, interests and abilities. Live From Gemini requires access to a

Polycom compatible videoconferencing system capable of supporting group participation. The program is inquiry-based and adaptable to a wide range of learners who participate in a one-on-one videoconference with an expert host live from one of the Gemini control rooms. During the program students are introduced to the operation of a modern astronomical observatory, the technology that makes observations possible and a sampling of the exciting science explored by one of the world's largest astronomical observatories.

MAGPI

<http://www.magpi.net/programs/index.html>

MAGPI partners with a variety of content providers to bring engaging educational content into the classroom – virtually! Partners have included The African American Museum of Philadelphia, The National Constitution Center, NASA, The Civil War and Underground Railroad Museum, The Philadelphia Theatre Company, publishing companies and more. All programs are provided free of charge to MAGPI members and offered on specific dates at specific times.

Manhattan School of Music \$\$

<http://www.msmnyc.edu/special/distancelearning/>

Manhattan School of Music's distance learning program offers a wide selection of educational videoconferences including master classes, private lessons, clinics, workshops, coachings, sectionals, colloquia, educational & community outreach, telementoring, professional development, and humanities exchanges. Their programs are presented to institutions of higher education, K-12 schools, and performing and community organizations both nationally and internationally. New program areas currently under development include remote auditioning and recruitment via videoconferencing.

Michigan State University Museum \$\$

<http://www.virtualoutreach.org>

The MSU Museum is Michigan's largest cultural and natural history museum. We offer virtual fieldtrips for grades 1-12 in a variety of topics in science and social studies. Schedule your virtual fieldtrip today!

Mote Marine Laboratory \$\$

<http://www.seatrek.org>

Mote Marine Laboratory is an international center for the study of marine and environmental sciences. It's also home to the world's largest shark lab, the Jane and David Allen Manatee Exhibit, the Roy and Susan Palmer Sea Turtle Exhibit and much more. Public outreach is accomplished through the Mote Aquarium, an educational museum providing marine programs for all levels from elementary-school children through adult.

NASA's Digital Learning Network

<http://education.nasa.gov/divisions/techprodooffice/programs/dln.html>

NASA's Digital Learning Network (DLN) is about connecting with the next generation of Explorers. The DLN assists in the fulfillment of NASA's demanding mission, "to inspire the next generation of explorers," by sharing the knowledge and expertise of NASA scientists, engineers, and researchers with students in today's classrooms. Through the DLN, learners at all levels have the opportunity to interact directly with NASA experts, often from their workplace, to gain a new appreciation for the importance of science, technology, engineering, and mathematics education. The goal of the DLN is to enhance NASA's capability to deliver unique content by linking students and educators with NASA experts. The DLN offers videoconferencing or

Webcasting at no charge, providing interactive educational experiences to students and educators from kindergarten to university levels across the Nation and around the world.

Pier Wisconsin \$\$

<http://www.pierwisconsin.org>

Pier Wisconsin is a nonprofit organization dedicated to fostering awareness and understanding of our Great Lakes and freshwater world. Pier Wisconsin owns and operates "Wisconsin's Flagship", the *S/V Denis Sullivan*, a 137-foot vessel reminiscent of a 19th century Great Lakes schooner.

Reef HQ Aquarium \$\$

http://www.reefed.edu.au/reefhq/reef_video_conferencing/index.html

Wherever you are in the world, experience the Great Barrier Reef with Reef Videoconferencing. During this underwater fact-finding mission, your classroom will be transported to the Coral Reef and Predator exhibits at Reef HQ. State-of-the-art technology unlocks unique teaching and learning experiences, including information delivered by a scuba diver. Reef Videoconferences are supported by comprehensive teaching materials, and educate students about a range of marine issues.

Rutgers-Camden Center for the Arts \$\$

http://www.ruarts.org/info/programs/distance_learning/index.html

Rutgers-Camden Center for the Arts' D'ARTS program delivers live, interactive videoconference classes to k-12 schools that combine dynamic responsive teaching with high quality content conveyed in a cross-curricular context. Classes are offered in two general categories, Visual Arts in Diverse Curricular Contexts and Sources for Drama.

Smithsonian Environmental Research Center \$\$

<http://www.serc.si.edu/education/dl/index.jsp>

SERC's distance learning programs, all supported by teacher-developed curriculum, bring Smithsonian science into classrooms and homes across the country. By participating in videoconferences or Electronic Field Trips, you have the opportunity to talk with expert scientists and educators at the Smithsonian Environmental Research Center and possibly venture into places where on-site visitors seldom are permitted to go.

The Library of Congress

<http://memory.loc.gov/learn/educators/video/index.html>

Whether online or on campus, the Library of Congress offers resources and services to enrich your students' research and learning experiences. Its digital library alone contains over 10 million multimedia primary source sound recordings, motion pictures, photographs, maps, printed materials, and documents. Its curators and subject specialists lend their expertise to online exhibitions and archival collections. Through individualized programs, your students can gain a sound foundation for their investigations in the humanities, including American history and culture, geography, world history and culture, foreign languages, social studies and government

The University of Pennsylvania Museum of Anthropology and Archeology \$\$

http://www.museum.upenn.edu/new/edu/teachers/distance_learning.shtml

Bring the Penn Museum right to you with an interactive video conference! Supplement textbook study by examining the material culture of ancient as well as living people. Identify and describe the cultural aspects of specific groups, comparing and contrasting them to your students' own

experience. Distance Learning programs are presented right in a Museum gallery and include: 1) Interactive component – students ask questions and discuss the topic with the presenter; and 2) Close-up view of selected artifacts in addition to those on exhibit in the gallery

The Vanderbilt Virtual School \$\$

<http://www.vanderbilt.edu/virtualschool>

The Virtual School has been in existence at Vanderbilt University for 13 years. It's mission is to connect university faculty, staff and students to K-12 classrooms through the use of technology. We develop timely, national standards-based videoconference presentations based on education themes in the spring and fall.

WARN (Water Awareness in Residential Neighborhoods) \$\$

<http://www.warnonline.org/>

WARN (Water Awareness in Residential Neighborhoods) is a community awareness program designed to educate children and adults about the dangers of bodies of water in and around their neighborhoods. Topics include identification of dangers and safety tips for, *toilets , buckets, tubs , pools, spas, retention ponds, lakes, streams, ice and flood water.*